1. f Ces = x3 + 2x grows faster because the leading term x3 grows faster than 7x2 number I grows faster for the same reason as letter (a). (x7 grows paster than x6)

number 2 grows faster, for the same reason as letters (a) (b). (4x) grows faster than x") (A) $\log_2(x) = 8 -> x = 2^8$ $x = 256^7$ () x = log 4 (32)

×= اهع و (ع⁶) log 5 (x) = log (2) +25 1x = 5 by log x (a) = x

 $\log \frac{x}{a} = a s$

 $\frac{x}{\lambda} = S$ $x = \lambda \cdot (5^{25})$

greetings = { "Rowdy", "Hello", "Hey"}

Homework O